

**Patch PX\*1\*111**

**Patient Care Encounter (PCE) V. 1.0 Technical Manual Updates**

**Updates signified by bar in margin.**

# Callable Routines

This package provides APIs as callable entry points for use by other developers, as well as those of the PCE Device Interface, which are described in Appendix A of this manual. These APIs and entry points are all by subscription only.

## ***PCE APIs***

### **\$\$INTV^PXAPI(WHAT,PKG,SOURCE,.VISIT,.HL,.DFN,APPT,LIMITDT,ALLHLOC)**

This API should be used by subscribing packages to prompt for Visit and related V-file data. The parameters passed by the subscribing packages determine which prompts will be displayed. If VISIT, HL or DFN are passed by reference (.), a value will be returned for those variables.

#### Parameter Description:

##### **1. WHAT**

Required parameter that defines the series of prompts that will be displayed.

- INTV - Includes all prompts for the checkout interview:
  1. Patient (if not defined)
  2. Hospital Location (if not defined)
  3. Appointment/Eligibility (Call to Scheduling API if the encounter is not associated with an appointment and is a new encounter.)
  4. Check Out Date/Time
  5. Service Connected/Classification Questions
    - Service Connected
    - Agent Orange Exposure
    - Ionizing Radiation Exposure
    - Persian Gulf Exposure
    - Military Sexual Trauma
    - Head and/or Neck Cancer
  6. Provider (multiple)
    - Provider
    - Primary/Secondary Designation
  7. Procedures (multiple)
    - CPT code
    - Quantity
  8. Diagnosis (multiple)
    - ICD9 code
    - Primary/Secondary Designation

9. Stop Code (multiple) *Discontinued after 10/1/96*  
Stop code

- PRV - Includes all prompts for provider information (multiple):
  1. Provider
  2. Primary/Secondary Designation
- POV - Includes all prompts for diagnosis information (multiple):
  1. ICD9 code
  2. Primary/Secondary Designation
- CPT - Includes prompts for procedure information and allows association of data with a provider (multiple):
  1. Provider
  2. Primary/Secondary Provider Designation
  3. CPT code
  4. Quantity
- SCC - Includes prompts for service connected conditions and classification questions:
  1. Service Connected
  2. Agent Orange Exposure
  3. Ionizing Radiation Exposure
  4. Persian Gulf Exposure
  5. Military Sexual Trauma
  6. Head and/or Neck Cancer
- CODT - Includes prompt for check-out date/time:
  1. Date/time Checked Out
- ADQ - Includes all administrative prompts related to the interview:
  1. Patient (if not defined)
  2. Hospital Location (if not defined)
  3. Appointment/Eligibility (API called if encounter is not associated with an appointment)
  4. Check Out Date/Time
  5. Service Connected
  6. Agent Orange Exposure
  7. Ionizing Radiation Exposure
  8. Persian Gulf Exposure
  9. Military Sexual Trauma
  10. Head and/or Neck Cancer

## **\$ENCEDIT^PXAPI(WHAT,PKG,SOURCE,DFN,BEGDT,ENDT,HLOC,SCREEN,APPT,PRMPT)**

This is an interactive API that may be called to display a list of encounters for selection. It allows adding a new encounter, or selecting an encounter to edit or delete. If the user indicates that an encounter should be added, an entry will be created in the Visit file (9000010), and the user will be prompted based on the WHAT parameter. If an encounter is selected to edit, the user will be prompted based on the WHAT parameter. If an encounter is selected for deletion, all data associated with the encounter will be deleted, and the entry in the Visit file will be assessed for deletion and deleted if possible.

### Parameter Description:

#### **1. WHAT**

(required) This parameter is string text that identifies the set of prompts.

- INTV - Includes all prompts for the checkout interview:

1. Patient (if not defined)
2. Hospital Location (if not defined)
3. Appointment/Eligibility (Call to Scheduling API if the encounter is not associated with an appointment and is a new encounter.)
4. Check Out Date/Time
5. Service Connected/Classification Questions
  - Service Connected
  - Agent Orange Exposure
  - Ionizing Radiation Exposure
  - Persian Gulf Exposure
  - Military Sexual Trauma
  - Head and/or Neck Cancer
6. Provider (multiple)
  - Provider
  - Primary/Secondary Designation
7. Procedures (multiple)
  - CPT code
  - Quantity
8. Diagnosis (multiple)
  - ICD9 code
  - Primary/Secondary Designation
9. Stop Code (multiple) *Discontinued after 10/1/96*
  - Stop code

- ADQ - Includes all administrative prompts related to the interview:

1. Patient (if not defined)
2. Hospital Location (if not defined)
3. Appointment/Eligibility (API called if encounter is not associated with an appointment)
4. Check Out Date/Time
5. Service Connected
6. Agent Orange Exposure
7. Ionizing Radiation Exposure
8. Persian Gulf Exposure
9. Military Sexual Trauma
10. Head and/or Neck Cancer

## **2. PKG**

(required) This parameter is the assigned package Namespace as designated in the Package file (9.4) or is a pointer to the Package file (9.4).

## **3. SOURCE**

(required) This parameter is used for auditing purposes and defines the data collection source. This parameter could be the calling routine or a description of the caller, e.g., PIMS CHECKOUT, PXCE DATA ENTRY, PANDAS, TELEFORM. It will be added to the PCE Data Source file (839.7).

## **4. DFN**

(required) This parameter represents the patient and is the internal entry number of the Patient's entry in the Patient/IHS file (9000001) which is dinumed to the Patient file (2).

## **5. BEGDT**

(optional) This is the beginning date, in an INTERNAL FORMAT, of the date range. If no date range is passed, all entries in the Visit file (9000010) for the identified patient will be returned.

## **6. ENDT**

(optional) This is the ending date, in an INTERNAL FORMAT, of the date range. If no date range is passed, all entries in the Visit file (9000010) for the identified patient will be returned.

SUBSCRIPT	DESCRIPTION	REQ/ OPT	DATA FORMAT
"ENCOUNTER",1,"SC")	This encounter is related to a service connected condition.	O	[ 1   0   null ]
"ENCOUNTER",1,"AO")	This encounter is related to Agent Orange exposure.	O	[ 1   0   null ]
"ENCOUNTER",1,"IR")	This encounter is related to Ionizing Radiation exposure.	O	[ 1   0   null ]
"ENCOUNTER",1,"EC")	This encounter is related to Environmental Contaminant exposure.	O	[ 1   0   null ]
"ENCOUNTER",1,"MST")	This encounter is related to Military Sexual Trauma.	O	[ 1   0   null ]
"ENCOUNTER",1,"HNC")	This encounter is related to Head and/or Neck Cancer via Nose and Throat Radium treatment.	O	[ 1   0   null ]
"ENCOUNTER",1,"CHECKOUT D/T")	This is the date/time when the encounter was checked out.	O	FileManager Internal Format for date/time
"ENCOUNTER",1,"ELIGIBILITY")	This is the eligibility of the patient for this encounter.	O	Pointer to Eligibility Code file (8)
"ENCOUNTER",1,"SERVICE CATEGORY")	This denotes the type of encounter.	R	A::=Ambulatory Should be used for clinic encounters. "A" s are changed to "I"s by Visit Tracking if patient is an inpatient at the time of the encounter. H::=Hospitalization Should be used for an admission. T::=Telecommunications E::=Event (Historical) Documents encounters that occur outside of this facility. Not used for workload credit or 3rd party billing. X::=Ancillary Package Daily Data. "X" s are changed to "D"s by Visit Tracking if patient is an inpatient at the time of the encounter.

## Appendix C - Visit Tracking Technical Information

Key	Variable	Description
me	.08	VSIT("DSS") DSS ID (pointer to CLINIC STOP file)
	.09	VSIT("CTR") DEPENDENT ENTRY COUNTER (number)
	.11	VSIT("DEL") DELETE FLAG (set)
	.12	VSIT("LNK") PARENT VISIT LINK (pointer VISIT file #9000010)
	.13	VSIT("MDT") DATE LAST MODIFIED (date)
	.18	VSIT("COD") ; CHECK OUT DATE&TIME (date)
	.21	VSIT("ELG") ELIGIBILITY (pointer ELIGIBILITY CODE file #8)
mr	.22	VSIT("LOC") HOSPITAL LOCATION (pointer HOSPITAL LOCATION file #44)
	.23	VSIT("USR") CREATED BY USER (pointer NEW PERSON file #200)
	.24	VSIT("OPT") OPTION USED TO CREATE (pointer OPTION file #19)
	.25	VSIT("PRO") PROTOCOL (pointer PROTOCOL file #101)
	2101	VSIT("OUT") OUTSIDE LOCATION (free text)
	80001	VSIT("SC") SERVICE CONNECTED (set)
	80002	VSIT("AO") AGENT ORANGE EXPOSURE (set)
	80003	VSIT("IR") IONIZING RADIATION EXPOSURE (set)
	80004	VSIT("EC") PERSIAN GULF EXPOSURE (set)
	80005	VSIT("MST") MILITARY SEXUAL TRAUMA (set)
	80006	VSIT("HNC") HEAD AND/OR NECK CANCER (set)
	15001	VSIT("VID") VISIT ID (free text)
	15002	VSIT("IO") PATIENT STATUS IN/OUT (set)
	15003	VSIT("PRI") ENCOUNTER TYPE (set)
	81101	VSIT("COM") COMMENTS
	81202	VSIT("PKG") PACKAGE (pointer PACKAGE file #9.4)
	81203	VSIT("SOR") DATA SOURCE (pointer PCE DATA SOURCE file #839.7)
	VSIT(0)	A string of characters that defines how the visit processor will function.
	F	Force adding a new entry.
	I	Interactive mode
	E	Use patient's primary eligibility if not defined on call with VSIT("ELG").
	N	Allow creation of new visit.
	D	Look back "n" number of days for match, defaults to one (1). D[<number of days>] i.e., VSIT(0)="D7" e.g., VSIT(0)="D5" (visit date to visit date - 4) use "D0" to require exact match on visit date and time.
	M	Impose criteria on matching/screening of visits. Uses the VSIT(<xxx>) array: Matching elements must equal their corresponding field.
DFN		Internal entry number of the patient file.
VSIT		The date (and time) of the visit.